

**SYNOPSIS OF
PROPOSED AMENDMENTS TO THE RULES OF THE
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION
AIR QUALITY CONTROL, CHAPTER 391-3-1**

Rule 391-3-1-.01, “Definitions,” is being amended.

Purpose: This rule is being revised to update the definition of “Volatile organic compound,” also known as VOC, and the definition of “Procedures for Testing and Monitoring Sources of Air Pollutants,” also known as PTM.

Main Features: The definition of “Volatile organic compound” is updated to exclude the following compound: 2-amino-2-methyl-1-propanol (AMP) which was recently designated by EPA as having negligible photochemical reactivity. The definition of “Procedures for Testing and Monitoring Sources of Air Pollutants” is revised to reference the most recent version of the PTM, January 5, 2015. Procedures are being amended to update the general provisions for testing consistent with US EPA requirements, update test methods and performance specifications consistent with US EPA requirements and incorporate these federal requirements by reference.

Rule 391-3-1-.02(2)(ppp), “Commercial and Industrial Solid Waste Incinerators Constructed On or Before November 30, 1999,” is being amended.

Purpose: To comply with the requirements of 40 CFR Part 60, Subpart DDDD (Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units), amended by EPA on December 20, 2012, and published on February 7, 2013 (78 FR 9112).

Main Features: This rule is being amended to make it current with the amended federal emissions guidelines for existing commercial and industrial solid waste incineration units (CISWI) units. An existing CISWI unit is one that commenced construction on or before June 4, 2010, or was modified on or before August 7, 2013.

With the amendment of EPA’s emissions guidelines in 2011, the affected source changed from CISWI units constructed on or before November 30, 1999, to those units constructed on or before June 4, 2010. EPA published additional amendments to the emissions guidelines in February 2013, but the construction dates were unchanged. Therefore, the name of rule (ppp) is being changed to “**Commercial and Industrial Solid Waste Incineration Units Constructed On or Before June 4, 2010**”. The federal rules impose limits on emissions of nine pollutants from existing CISWI units. The nine pollutants consist of four criteria pollutants and five additional air toxics. In addition, there are requirements for stack opacity and visible emissions. Affected facilities are to comply with the

emissions limitations by the date that is 3 years after approval of a state plan or February 7, 2018, whichever is earlier.

Georgia EPD submitted a negative declaration to EPA on August 30, 2012. The negative declaration states that EPD is unaware of any existing CISWI units operating in the State. The negative declaration relieves the requirement to prepare a state plan to implement the emissions guidelines as long as there are no existing CISWI units in operation.

EPD is aware of combustion units in the state that do not meet the definition of existing CISWI unit due to closure or their current method of operation. Should such a unit be restarted or change its operating methods it may become subject to Georgia rule (ppp).

Rule 391-3-1-.02(8), “New Source Performance Standards,” is being amended.

Purpose: To adopt the Federal Performance Standards into the Georgia Rules by reference to ensure consistency between the State and Federal programs.

Main Features: Subparagraphs (b)1. for General Provisions, (b)3. for Electric Utility Steam Generating Units, (b)9. for Nitric Acid Plants, and (b) 85. for Kraft Pulp Mills Constructed, Modified or Reconstructed after May 23, 2013 are all revised to reflect the latest amendment dates of the incorporated federal rules.

Rule 391-3-1-.02(9), “Emission Standards for Hazardous Air Pollutants,” is being amended.

Purpose: To adopt the Federal Emission Standards into the Georgia Rules by reference to ensure consistency between the State and Federal programs.

Main Features: Subparagraphs (b)15. for General Provisions, (b)65. for Generic Maximum Achievable Control Technology Standards, (b)75. for Flexible Polyurethane Foam Production, (b)76. for Group IV Polymers and Resins, (b)79. for Pesticide Active Ingredient Production, (b)81. for Amino/Phenolic Resins Production, (b)82. for Polyether Polyols Production, (b)122. for Industrial, Commercial, and Institutional Boilers and Process Heaters, and (b)139. for Coal- and Oil-Fired Electric Utility Steam Generating Units are all revised to reflect the latest amendment dates of the incorporated federal rules.

Rule 391-3-1-.03(8), “Permit Requirements,” is being amended.

Purpose: This rule is being revised to remove the fine particulate matter nonattainment new source review requirements for Catoosa and Walker Counties. In 2004, U.S. EPA designated these two areas as nonattainment for the fine particulate matter air quality standard set by U.S. EPA in 1997 as a part of the Chattanooga nonattainment area. In December of 2014, both of these areas were redesignated to “attainment”

of the 1997 standard by the U.S. EPA. As a result, federal statutes and rules no longer require nonattainment new source review for these areas and it is being removed from the Georgia rules.

Main Features: Catoosa and Walker Counties are stricken from subparagraph 391-3-1-.03(8)(c)16.(i).

Rule 391-3-1-.03(10), “Title V Operating Permits,” is being amended.

Purpose: To adopt 40 CFR Part 70.6(c) into the Georgia Rules by reference to ensure consistency between the State and Federal programs.

Main Features: Subparagraph (10)(a)5. is being revised because the compliance requirements are being adopted and the latest amendment dates since the last rule making are being incorporated into the rules. Multiple subparagraphs are being revised to correct typographical errors and language discrepancies.

STATEMENT OF RATIONALE
Rules for Air Quality Control

Rule 391-3-1-.01 - Definitions.

The basis of this rule is to provide definitions for terms used in the Georgia Air Quality Control Rules, Chapter 391-3-1. The purpose of this revision is to 1) revise the definition of “Volatile organic compound” in order to be consistent with EPA’s definition of “Volatile Organic Compound” as identified in the Code of Federal Regulations and 2) revise the definition of “Procedures for Testing and Monitoring Sources of Air Pollutants” to reference the most recent version of the PTM.

This revision is in no way any more restrictive than the federal requirements and does not incur any additional costs to the regulated industry or public.

Rule 391-3-1-.02(2)(ppp) - Commercial and Industrial Solid Waste Incineration Units Constructed On or Before June 4, 2010. [Currently titled “Commercial and Industrial Solid Waste Incinerators Constructed On or Before November 30, 1999”]

The basis of the rule amendments is U.S. EPA’s “Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units” (40 CFR Part 60, Subpart DDDD). The purpose of the rule is for affected existing CISWI units to achieve compliance with the emissions limits specified in 40 CFR 60 DDDD. This rule revision, which adopts by reference the federal rule, imposes revised emissions limits on existing commercial and industrial solid waste incineration units.

This revision is in no way any more restrictive than the federal requirements and does not incur any additional costs to the regulated industry, local government, or public than are required to meet the federal rule.

Rule 391-3-1-.02(8) - New Source Performance Standards.

The basis of this rule is to adopt the Federal New Source Performance Standards by reference. The purpose for this revision is to adopt the new area source performance standards and to include the latest amendment dates and all associated changes made to the Federal NSPS rules into the Georgia rules.

This revision is in no way any more restrictive than the federal requirements and does not incur any additional costs to the regulated industry or public.

Rule 391-3-1-.02(9) - Emission Standards for Hazardous Air Pollutants.

The basis of this rule is to adopt the Federal Emission Standards for Hazardous Air Pollutants by reference. The purpose for this revision is to adopt the new area source emission standards and to include the latest amendment dates and all associated changes made to the Federal NESHAP rules into the Georgia rules.

This revision is in no way any more restrictive than the federal requirements and does not incur any additional costs to the regulated industry or public.

Rule 391-3-1-.03(8) - Permit Requirements.

The basis of this rule is to provide permitting requirements for nonattainment areas in Georgia. The purpose of this revision is to remove the nonattainment permitting requirements for Catoosa and Walker Counties as these two areas have been redesignated from nonattainment to attainment for the fine particulate matter ambient air quality standard.

This revision will reduce the administrative burden to the Environmental Protection Division and will reduce costs to major industrial sources and utilities that wish to locate or expand in these areas.

Rule 391-3-1-.03(10) - Title V Operating Permits.

The basis of this rule is to adopt 40 Code of Federal Regulations Part 70 for Title V Operating Permits by reference. The purpose for this revision is to revise the compliance certification requirements to make them consistent with the current federal rule, and to correct multiple subparagraphs for typographical errors and language discrepancies.

This revision is in no way any more restrictive than the federal requirements and does not incur any additional costs to the regulated industry or public.